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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

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|------------------------|------------------|
| Application Number | 10/004,473 |
| Filing Date | November 2, 2001 |
| First Named Inventor | Haiyan He |
| Group Art Unit | 3722 |
| Examiner Name | N/A |
| Attorney Docket Number | US010003 |

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

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These documents may be relevant in that they have been (check one):

- ☐ considered in drafting the specification of the above referenced application;
- ☐ cited in the specification of the above-referenced application;
- ☐ previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copies required);
- ☒ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed; or
- ☐ otherwise a concise explanation of the relevance of each document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is append hereto.

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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|-------------------|-------------------|-----------------------------------|-----------------|
| Name (Print Type) | Michael E. Marion | Registration No. (Attorney/Agent) | 32,266 |
| Signature | | Date | August 28, 2003 |

CERTIFICATE OF MAILING OR TRANSMISSION

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| Signature | | | |



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| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | | Atty. Docket No. US010003 | | Serial No. 10/004,473 | | |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Applicant HAIYAN HE ET AL | | | | |
| | | | | Filing Date NOV. 2, 2001 | | Group 3722 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Ex. Int | | Document Number | | Date | Name | Class | Sub-class | Filing Date If Approp. |
| | AA | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | Document Number | | Date | Country | Class | Sub-Class | Trans. Yes no |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | AL | "Detecting Boundaries in a Vector Field", by Hsien-Che Lee et al., IEEE Transaction on Acoustics, Speech and Signal Processing. Vol. 39, 1991, pages 1181-1194. | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| Examiner | | | | | Date Considered | | | |
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